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DERWENT-ACC-NO: 1976-J7900X

DERWENT-WEEK: 197640

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File: DWPI

Mar 3, 1976

TITLE: Vibration parameters contactless measurement equipment - for simultaneous measurement of vibration, displacement and heeling

PATENT-ASSIGNEE:

ASSIGNEE

MOSCOW BAUMAN TECH COLL

CODE

MOSB

PRIORITY-DATA: 1973SU-1941763 (June 27, 1973)

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ordered*

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

☐ [SU 494623 A](#)

March 3, 1976

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INT-CL (IPC): G01H 11/00

ABSTRACTED-PUB-NO: SU 494623A

BASIC-ABSTRACT:

The equipment contains an eddy current sensor (8) with a measurement winding (11) and exciting windings (9), (10), electrically linked with two radio frequency generators two filters and measuring units. For simultaneous measurement of vibration, displacement and heeling of the object under control, a two-coordinate angle meter is provided, connected through the two filters to the output of the measurement winding (11) of the sensor, and the displacement of measuring units are each connected to the output of one of the exciting windings (9), (10). In this case the measurement winding (11) is located symmetrically and orthogonal relative to the exciting windings (9), (10) which are arranged in the shape of a figure eight and have mutually perpendicular symmetrical axes.

TITLE-TERMS: VIBRATION PARAMETER CONTACT MEASURE EQUIPMENT SIMULTANEOUS MEASURE
VIBRATION DISPLACEMENT HEEL

DERWENT-CLASS: S02

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File: JPAB

Jun 16, 2000

Logout

PUB-NO. JP02000162913A

DOCUMENT-IDENTIFIER: JP 2000162913 A

TITLE: IMAGE HEATING DEVICE AND IMAGE FORMING DEVICE

PUBN-DATE: June 16, 2000

INVENTOR-INFORMATION:

NAME

COUNTRY

MAEYAMA, RYUICHIRO

HAYASHI, YASUHIRO

FUJITA, TAKESHI

OOTA, TOMOICHIROU

ASSIGNEE-INFORMATION:

NAME

COUNTRY

CANON INC

APPL-NO: JP10349374

APPL-DATE: November 24, 1998

INT-CL (IPC): G03 G 15/20; H05 B 6/14

ABSTRACT:

PROBLEM TO BE SOLVED: To eliminate the problem caused by the temperature rising of a paper non-passing part by preventing or mitigating the temperature rising of the paper non-passing part of an image heating device at the image heating device of an electromagnetic induction heating system and an image forming device provided with the image heating device.

SOLUTION: In this image heating device which has a magnetic flux generating means having an exciting coil 3 and a magnetic material core 5 and an induction heating element 1 executing electromagnetic induction heat generation by the action of the generated magnetic flux of the magnetic flux generating means and which heats an image on a recording material by the heat of the induction heating element by introducing and carrying the recording material to a heating part N, the magnetic material core 5 is plurality divided into parts 5(b), 5(a) and 5(b) in a direction orthogonal with the carrying direction of the recording material, and is made movable by moving means 6(a), 7, 8, 9 and 10, and the core moving means incorporates a shape memory alloy member 10 or bimetal and moves a core by using displacement corresponding to the temperature of the shape memory alloy member 10.

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